

## ABSTRACT

A battery pack includes structures which prevent it from being improperly loaded in a battery loading device. The battery pack includes a battery cell, a casing for housing the battery cell, and output terminals for outputting the power of the battery cell. The bottom surface of the battery pack includes a discriminating recess formed in the bottom surface and control recesses formed at the intersection of its bottom and front surfaces. These recesses are sized and shaped to accept corresponding projections on selected battery loading devices so that the battery pack may be loaded onto these battery loading devices. However, the recesses do not accept the corresponding projections on other battery loading devices, thereby preventing the battery packs from being assembled to these other battery loading devices.

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